

SVI™

316 Stainless Steel Digital Valve Positioner

Near-shore, offshore, and Marine installations typically expose instrumentation to very corrosive environments.

The Masoneilan™ SVI with 316 Stainless Steel construction is designed to withstand harsh elements, all while maintaining the same key features and capabilities of the SVI3.



Optimize Service

Data driven valve maintenance via new Online Valve Diagnostics with up to 1 year of data storage.



Improve Reliability

Built on 20+ years of proven technologies like non-contact magnetic position sensing.



Increase Efficiency

Simple, easy to use, modular platform featuring 1-button SMARTCAL setup and universal mounting.



Reduce Emissions

Low Bleed Pneumatics reduce air consumption by 40%⁽¹⁾ while maintaining best in class control and response.

⁽¹⁾ As compared to conventional positioners.



Benefits

316 Stainless Steel Enclosure

Full 316 Stainless Steel enclosure designed to stand up to the most challenging marine and coastal environments. IP66 and NEMA/TYPE 4x enclosure to keep the elements out and protect internal components.



Electronics Ready to Serve

Encapsulated and conformally coated electronics protect against humid and corrosive environments. SVI's unique positive pressurization inside the enclosure maintains a constant purge of clean-dry instrument air to prevent moisture buildup inside the enclosure.



Mounting Kits for Any Application

Full 316 Stainless Steel mounting kits available for all Masoneilan and most other common pneumatic actuators. Simple to install in minutes without the need of special jigs or tools, the SVI mounting kit is compatible to all SVI models.



Non-Contact Valve Position Feedback

Fully sealed from the environment, protected from weather, and shielded from magnetic influences, the SVI's non-contact sensing system has been field proven for over 20+ years with billions of operating hours and is built to withstand harsh Marine settings.



Universal Hazardous Area Certified

Certified to stringent global electrical safety standards, the SVI combines both Flameproof and Intrinsically safe designs into 1-model, reducing inventory complexity, beneficial in remote areas.



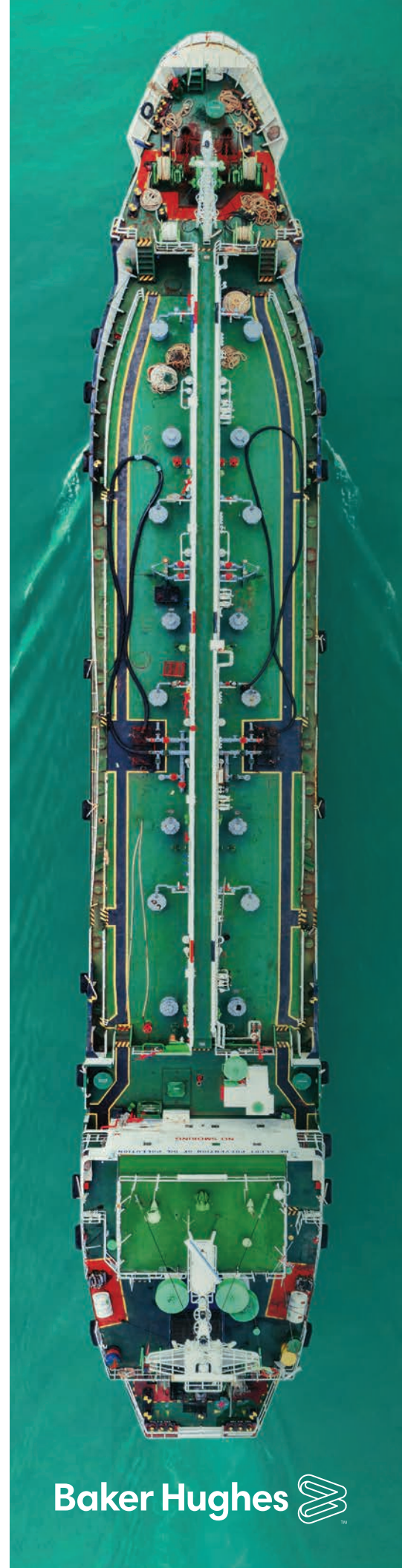
Diagnostics

Continuously calculated online diagnostics which monitor the health of the valve, positioner, and process. Plan turnarounds and prioritize repair events via data driven decisions utilizing the 1 year of on-device diagnostic storage.



Simple Modular Platform

Automated, self calibration routines initiated from local LCD or remote HART connections provide effortless setup and commissioning across leading control systems.



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